CLAIM SUMMARY DOCUMENT

1. (Previously Amended) An impingement flow for a wall part, in which a plurality of impingement orifices are arranged areally in a plane or curved carrier, the carrier being arranged at a distance from the wall part, and an impingement area, to be cooled or heated, of the wall part being designed as a relief, wherein

- that side of the wall part which faces the impingement jet is provided with a number of troughs arranged next to one another, said troughs being in the form of spherical cups or similar rotationally symmetrical forms, one impingement jet per trough being provided, which impingement jet strikes a trough base at least approximately perpendicularly, and
- that side of the wall part which is remote from the impingement jet is of at least roughly plane design.

2. (Previously Amended) The impingement flow as claimed in claim 1, wherein the trough has the shape of a circle segment.

Claims 3-4 (Withdrawn)

5. (Previously Amended) The impingement flow as claimed in claim 1, wherein the wall part to be cooled or heated is made together with the troughs.

6. (Previously Amended) The impingement flow as claimed in claim 1, wherein the impingement orifices form the inlet of impingement tubes, a mouth of which is directed toward the wall part to be cooled or heated.